

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9300 - L2 Version 2
Chandra X-Ray Center

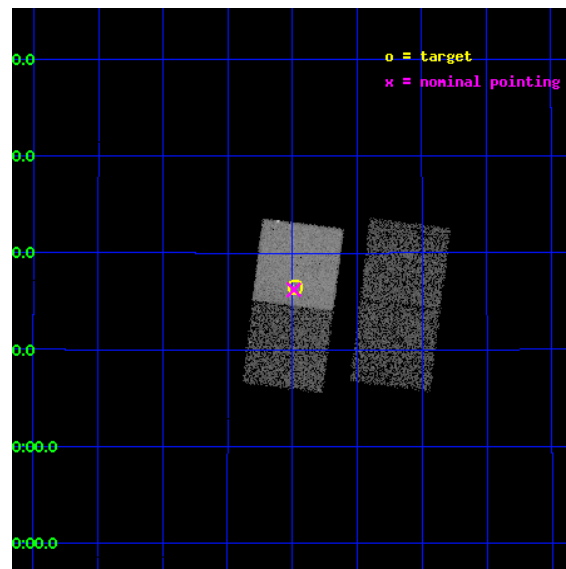
L2 Processing Date : May 12 2012

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1 Front

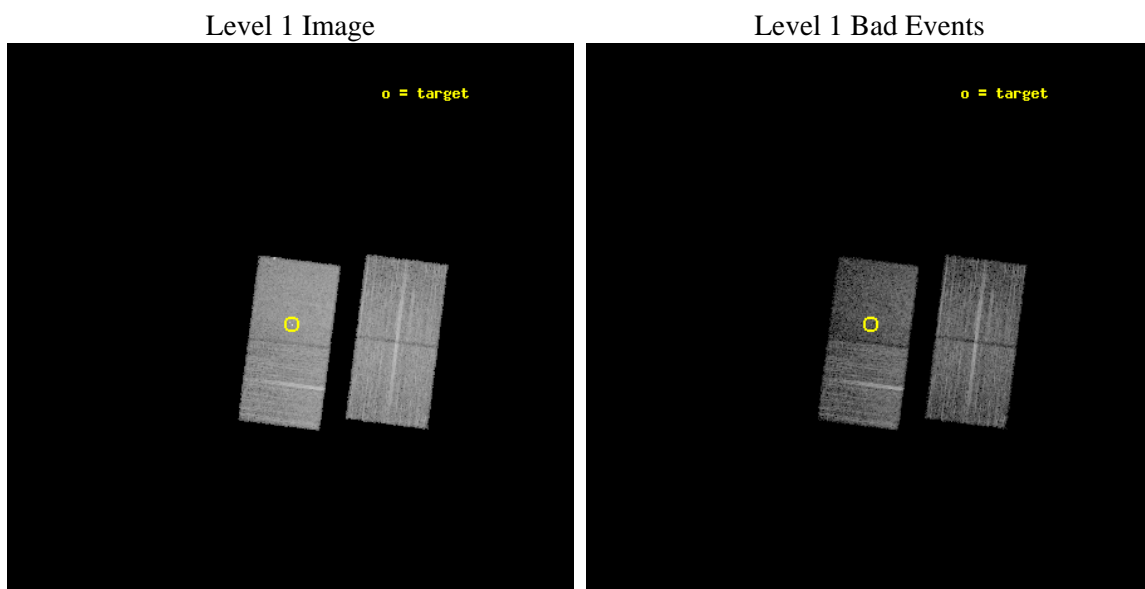
seq_num	701740	Sequence number
obs_id	9300	Observation id
title	Towards a Complete Sample: 3CR Extragalactic Radio Sources with $z < 0.3$	Proposal title
observer	Dr. Daniel Harris	Principal investigator
object	3C133	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	75.74375	Observer's specified target RA [deg]
dec_targ	25.273722	Observer's specified target Dec [deg]
ra_nom	75.747187638992	Nominal RA [deg]
dec_nom	25.26993960354	Nominal Dec [deg]
roll_nom	277.28958079324	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8140.6000626087	Sum of GTIs [s]
livetime	8034.2371297682	Livetime [s]
ontime2	8140.6000626087	Sum of GTIs [s]
ontime3	8137.4590623975	Sum of GTIs [s]
ontime6	8140.6000626087	Sum of GTIs [s]
ontime7	8140.6000626087	Sum of GTIs [s]
l2events	48766	Number of level 2 events



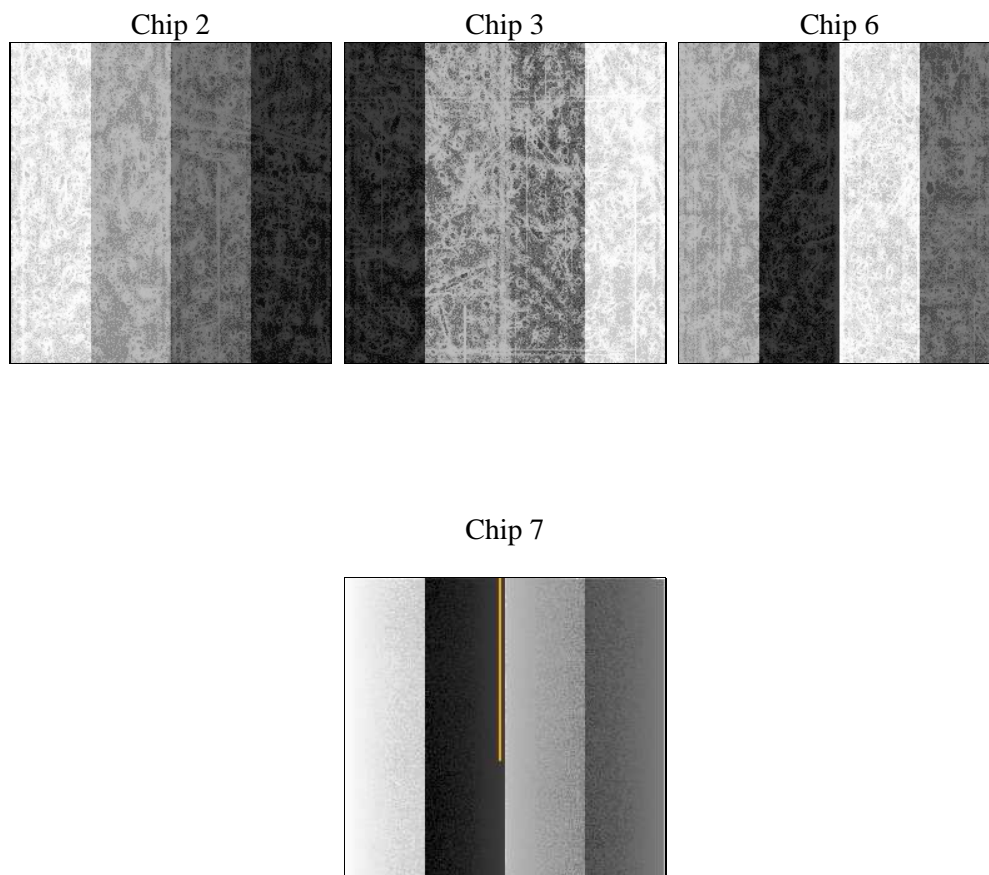
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	8000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	8140.6000626087	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	8140.6000626087	Sum of GTIs [s]
date	2012-05-12T13:29:44	Date and time of file creation	ontime3	8137.4590623975	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8140.6000626087	Sum of GTIs [s]
			ontime7	8140.6000626087	Sum of GTIs [s]
			l1events	288952	Number of level 1 events

2.1.4 Events

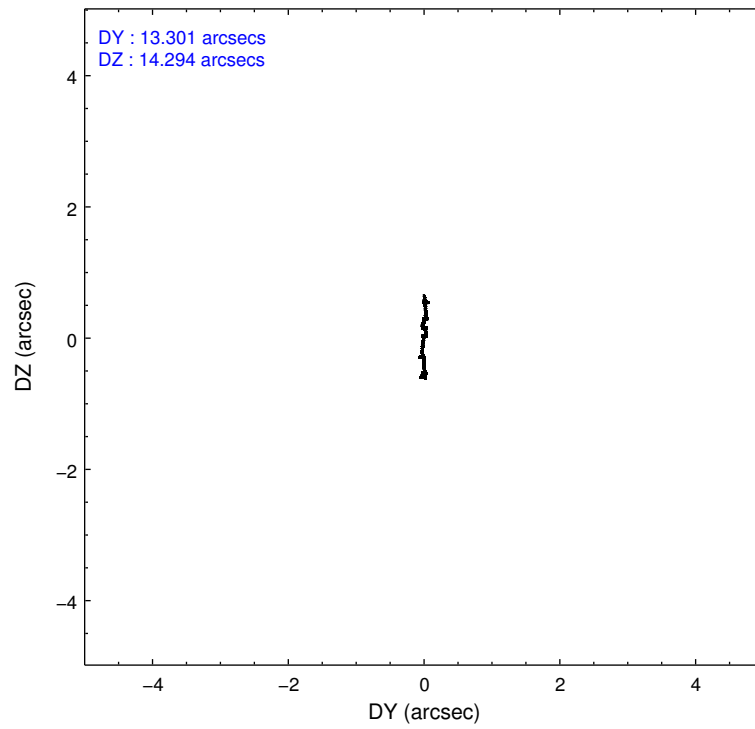
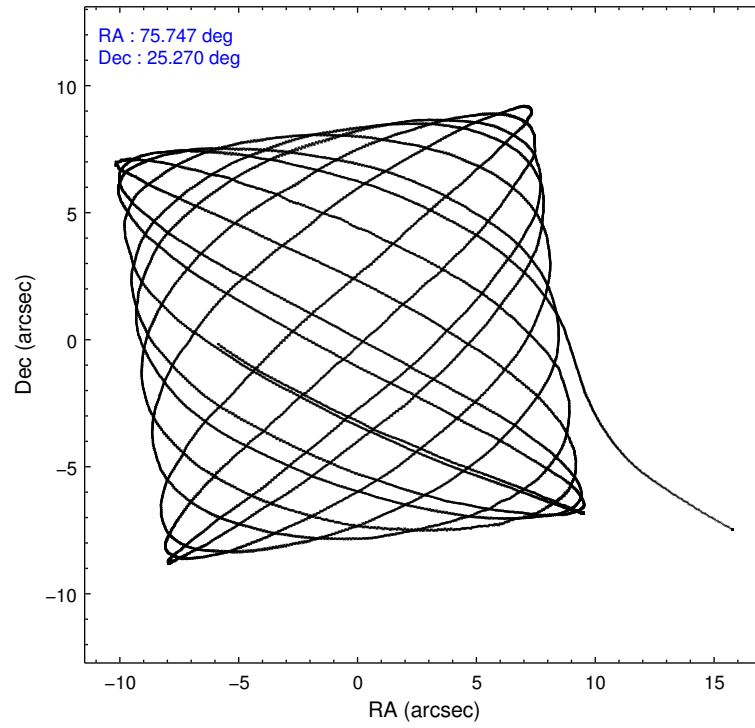
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	71330	68699	71399	77524
rejected events	65109	62785	64639	43983
rejected %	91%	91%	90%	56%

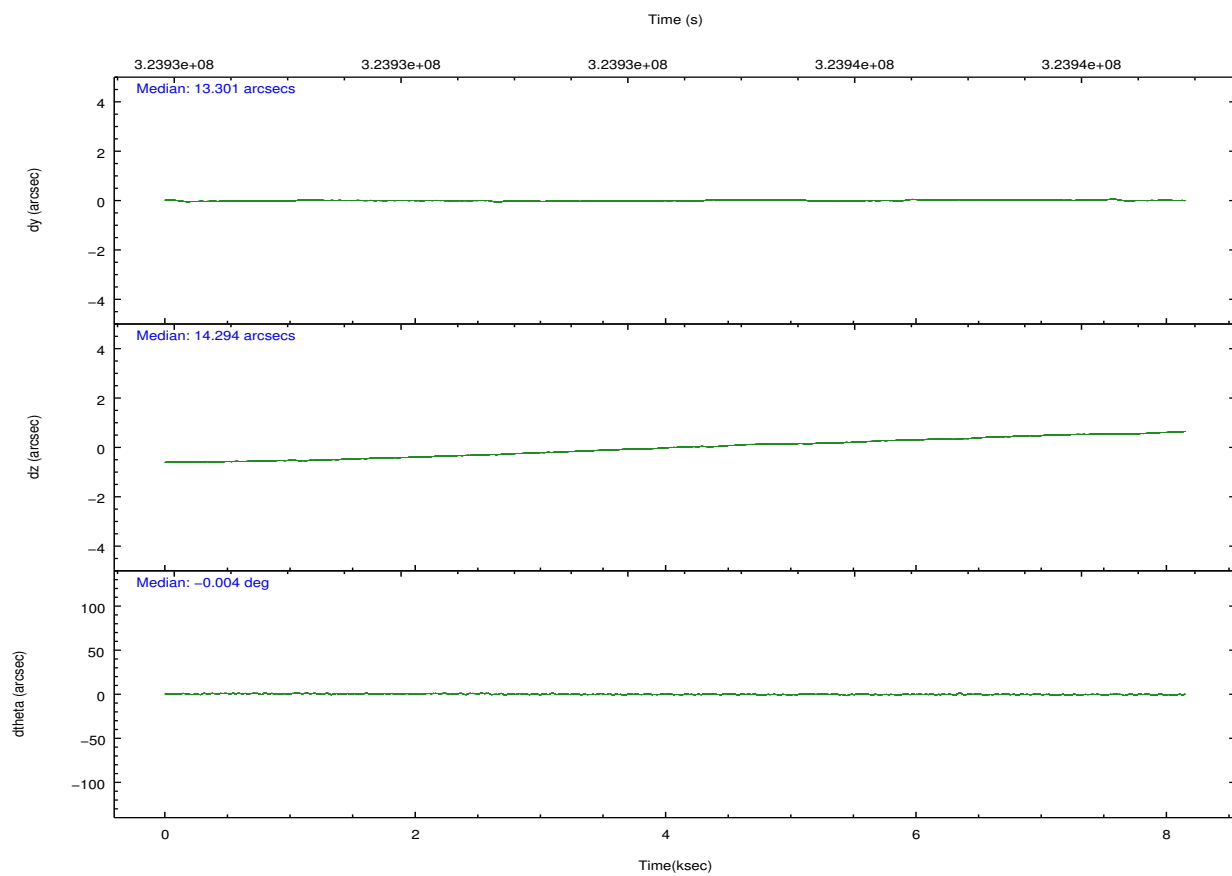
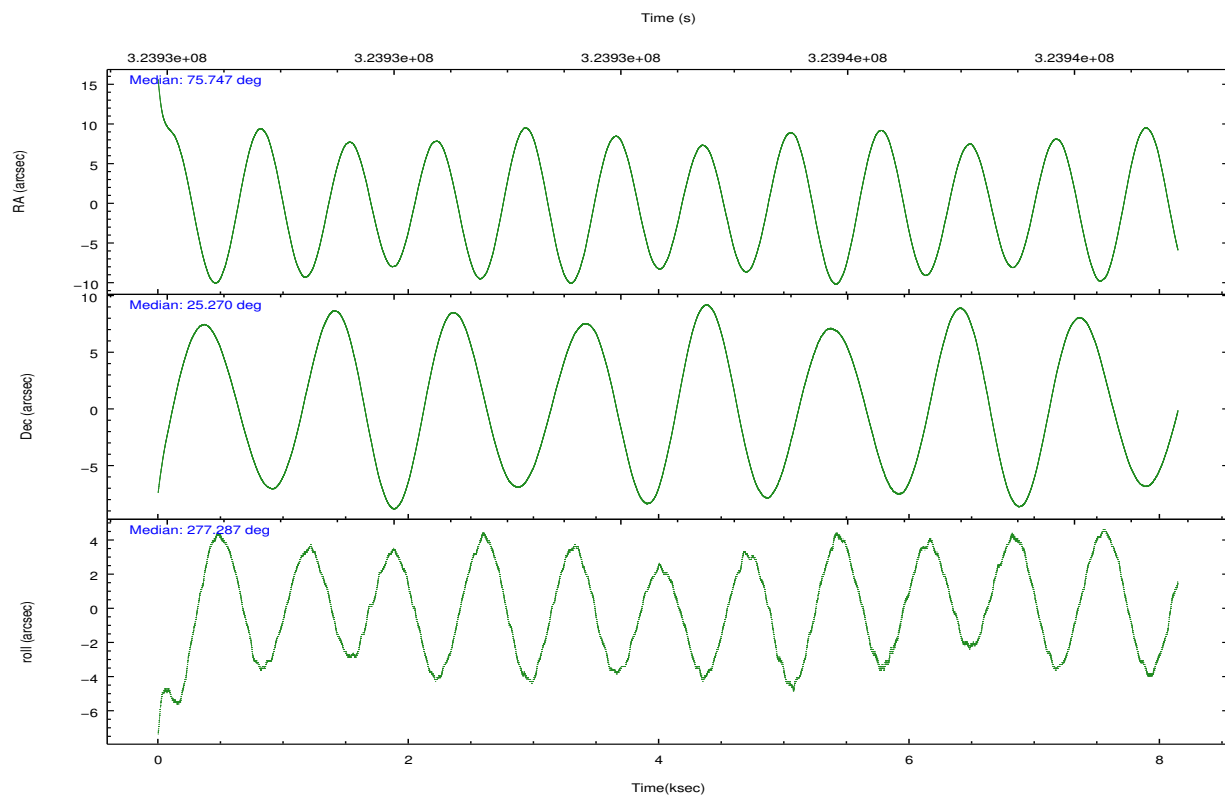
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	2434	2285	2532	3380
	3%	3%	3%	4%
grade 1 events	35	31	32	94
	0%	0%	0%	0%
grade 2 events	1527	1361	1530	7214
	2%	1%	2%	9%
grade 3 events	717	693	794	3251
	1%	1%	1%	4%
grade 4 events	693	694	751	3207
	0%	1%	1%	4%
grade 5 events	2289	2758	2689	7936
	3%	4%	3%	10%
grade 6 events	1219	1251	1553	18547
	1%	1%	2%	23%
grade 7 events	62416	59626	61518	33895
	87%	86%	86%	43%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-2367	ACIS-2367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	75.728476	75.74718763899223	Subarray requested	NONE	NONE
[deg] Pointing Dec	25.291478	25.26993960353991	Alternating exposures requested	N	N
[deg] Pointing Roll	277.140953	277.2895807932359	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	323930484.184000	323929320.69804			
Observation start date	2008-04-07T04:40:19	2008-04-07T04:22:00			
[s] Observation end time (MET)	323938484.184000	323938738.3985			
Observation end date	2008-04-07T06:53:39	2008-04-07T06:58:58			
Read mode	TIMED	TIMED			

2.3 Aspect



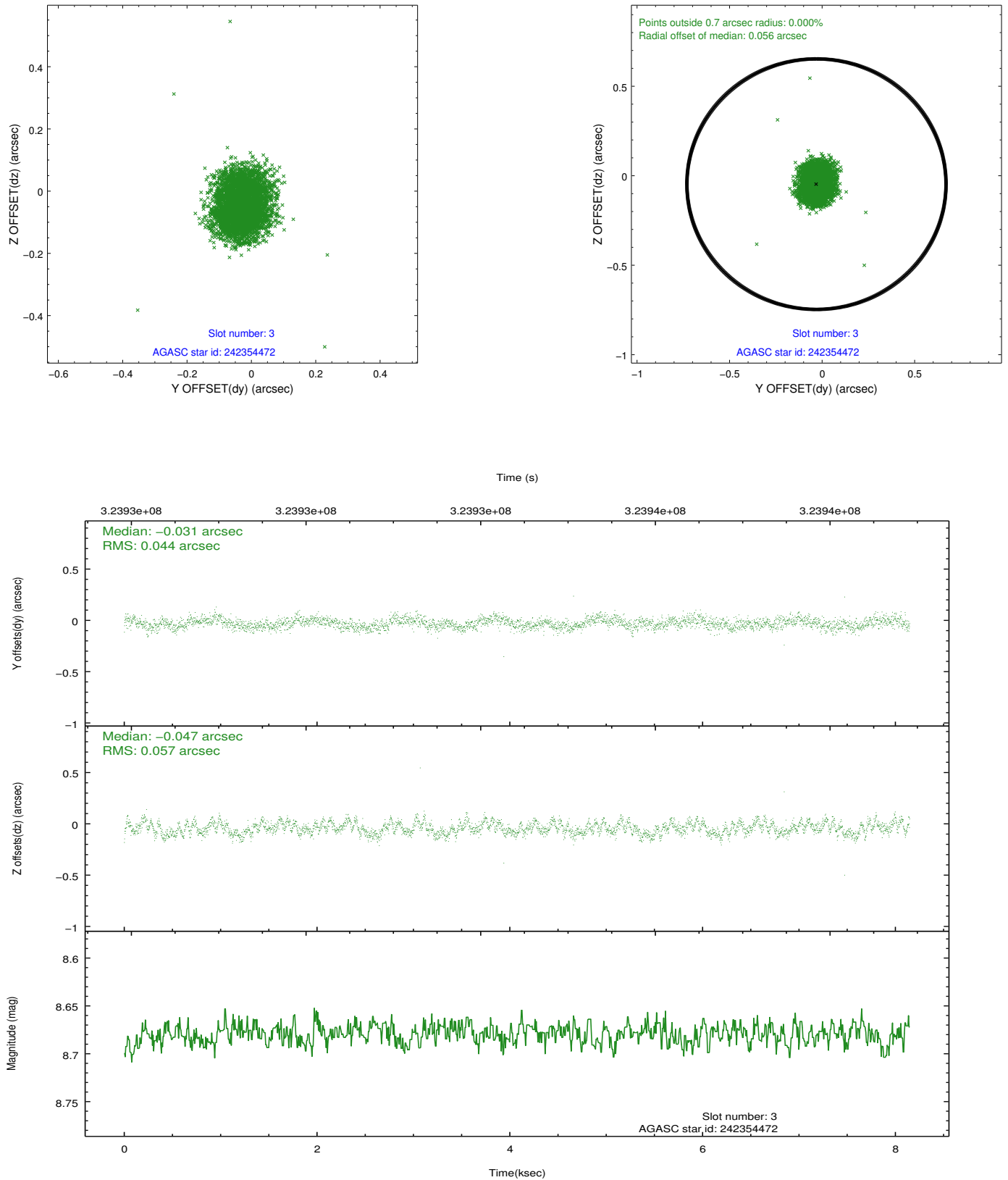


Slot Statistics

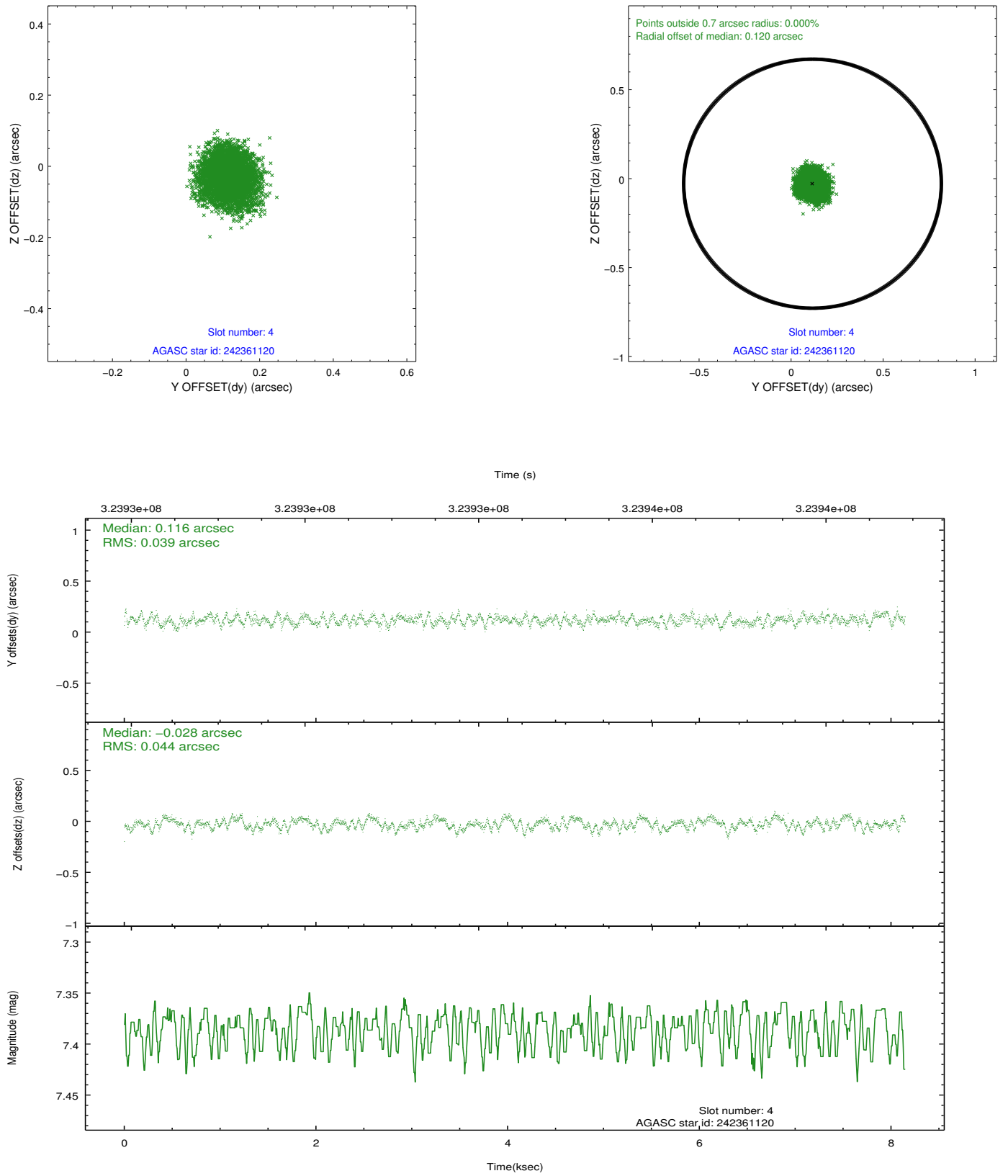
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1987	-0.095	-0.058	0.010	0.019	0.000000	0.000000	-766.32	-1735.64
1	FID	ACIS-S-4	7.19	1987	0.106	0.049	0.008	0.014	0.000000	0.000000	2146.85	172.23
2	FID	ACIS-S-6	7.33	1987	-0.039	0.016	0.008	0.016	0.000000	0.000000	396.60	810.38
3	GUIDE	242354472	8.68	3974	-0.031	-0.047	0.077	0.120	75.708527	25.779310	-1750.45	154.05
4	GUIDE	242361120	7.38	3975	0.116	-0.028	0.064	0.098	75.966518	24.972818	1235.10	629.27
5	GUIDE	242362800	8.49	3970	-0.112	0.037	0.064	0.101	75.856700	25.769460	-1655.21	626.40
6	GUIDE	242365448	8.12	3973	0.236	0.066	0.071	0.116	75.406281	24.636571	2209.48	-1338.30
7	GUIDE	240649504	8.38	3973	-0.207	-0.026	0.079	0.124	74.898443	25.807481	-2185.36	-2437.82

2.4 Star Slots

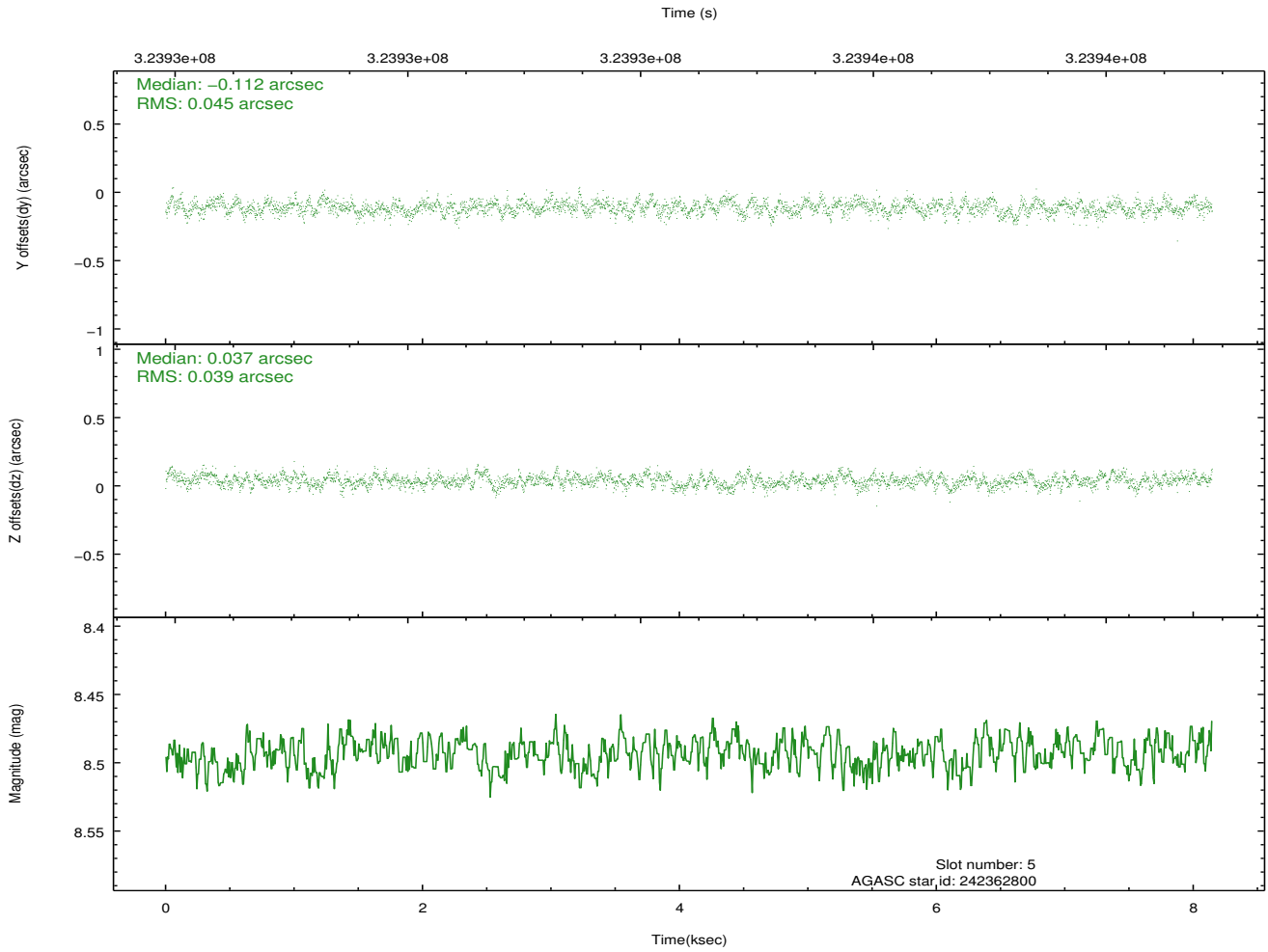
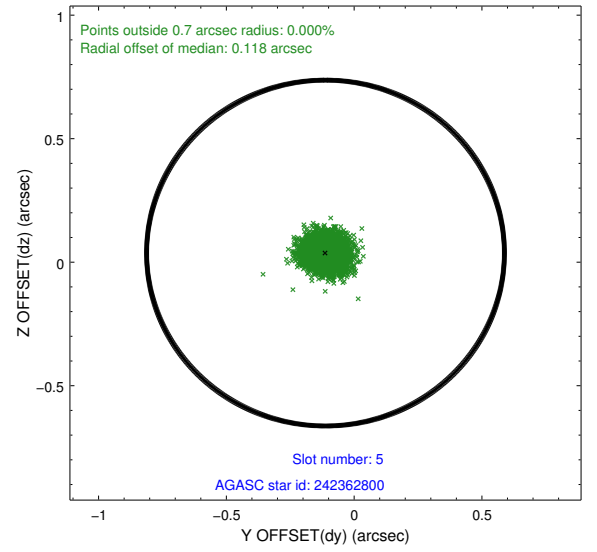
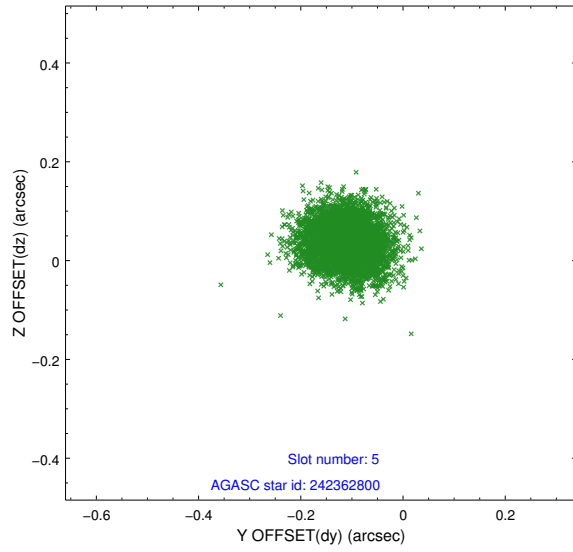
2.4.1 Slot 3



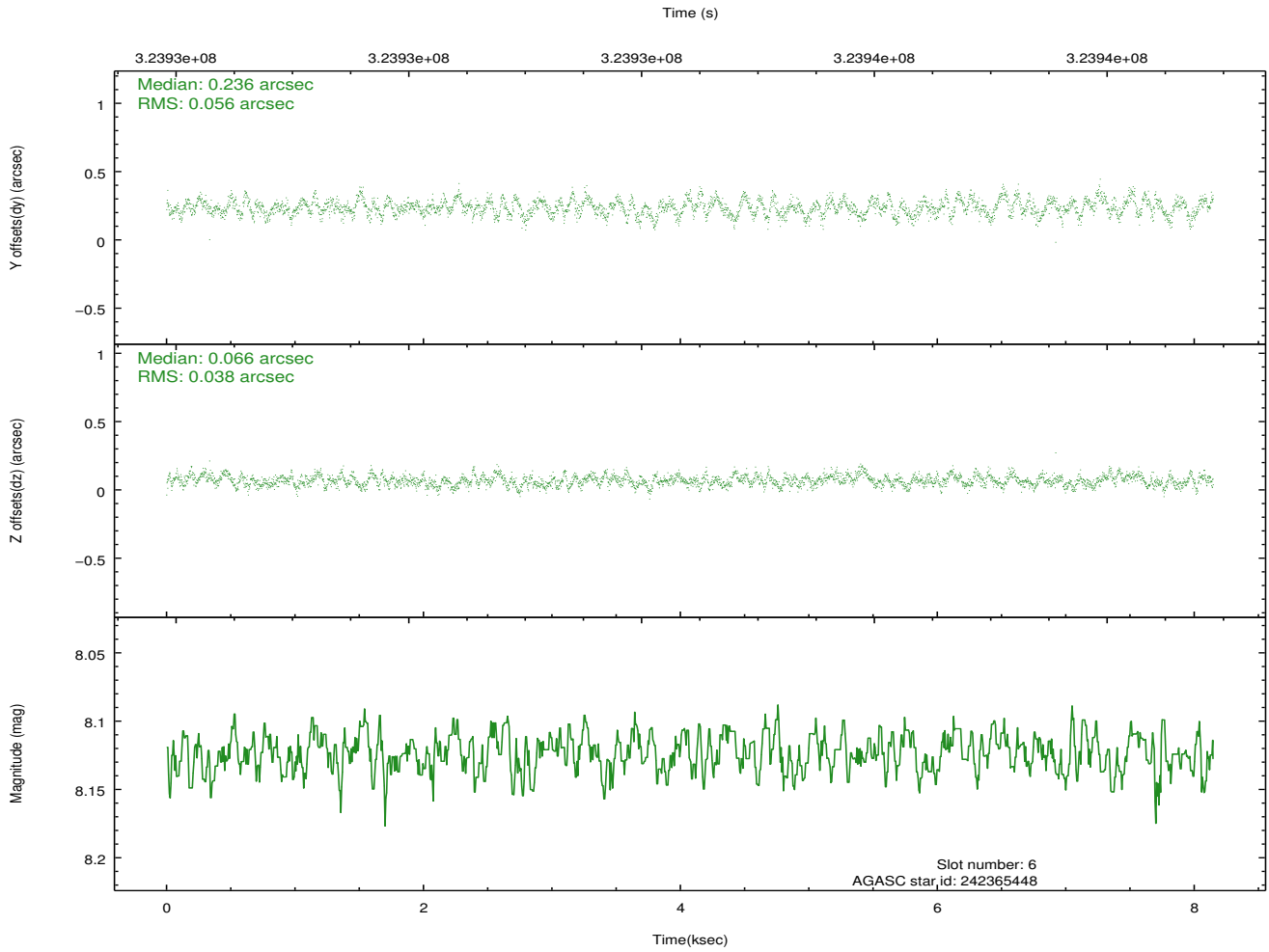
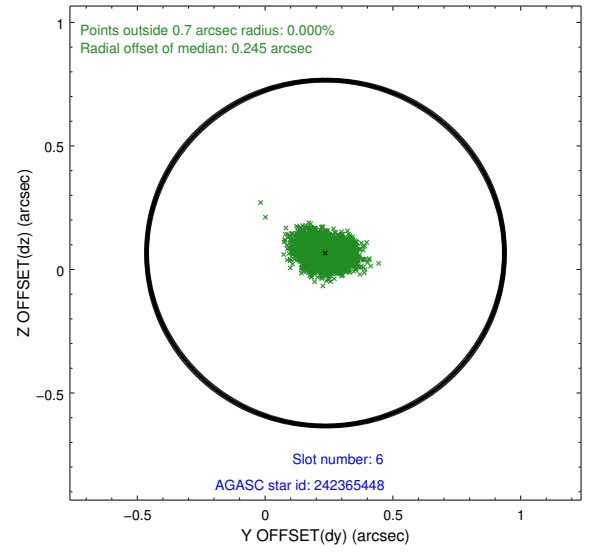
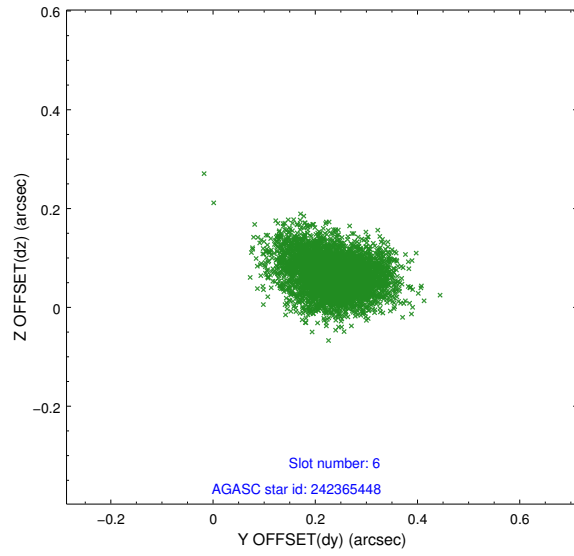
2.4.2 Slot 4



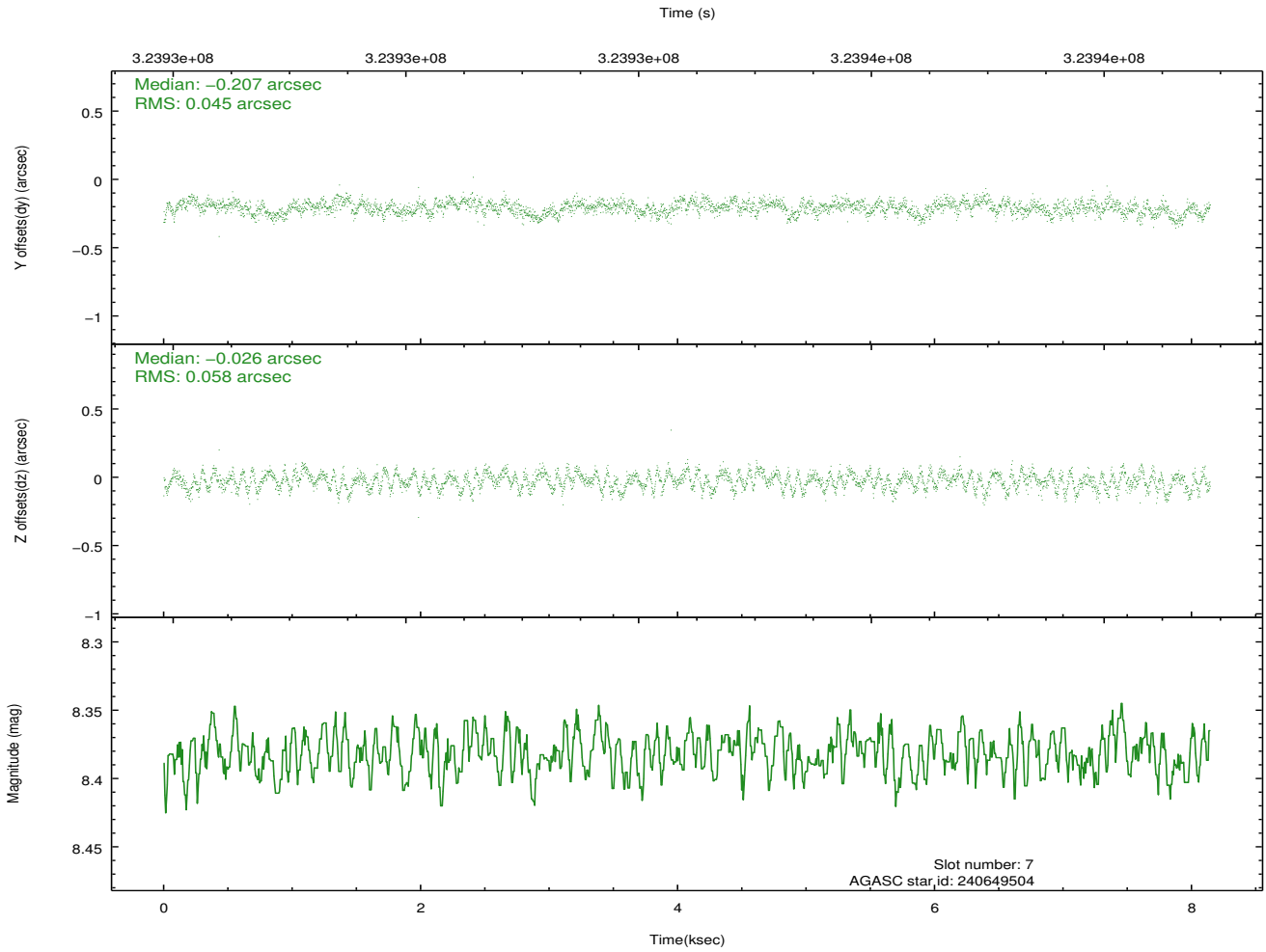
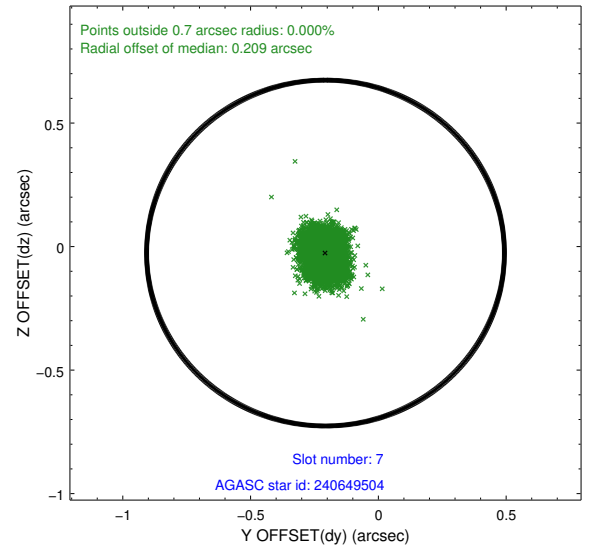
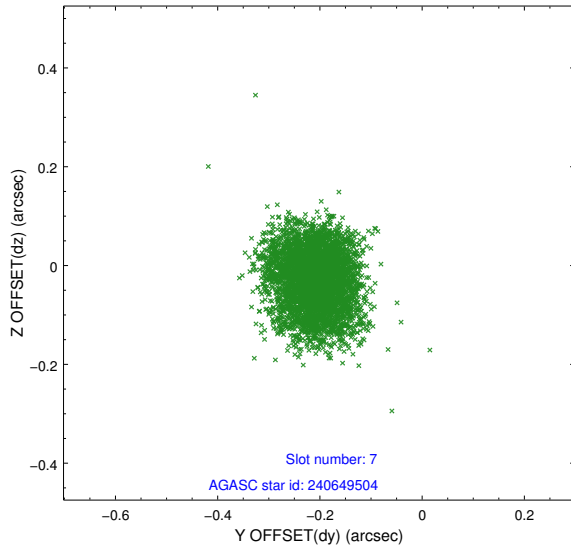
2.4.3 Slot 5



2.4.4 Slot 6

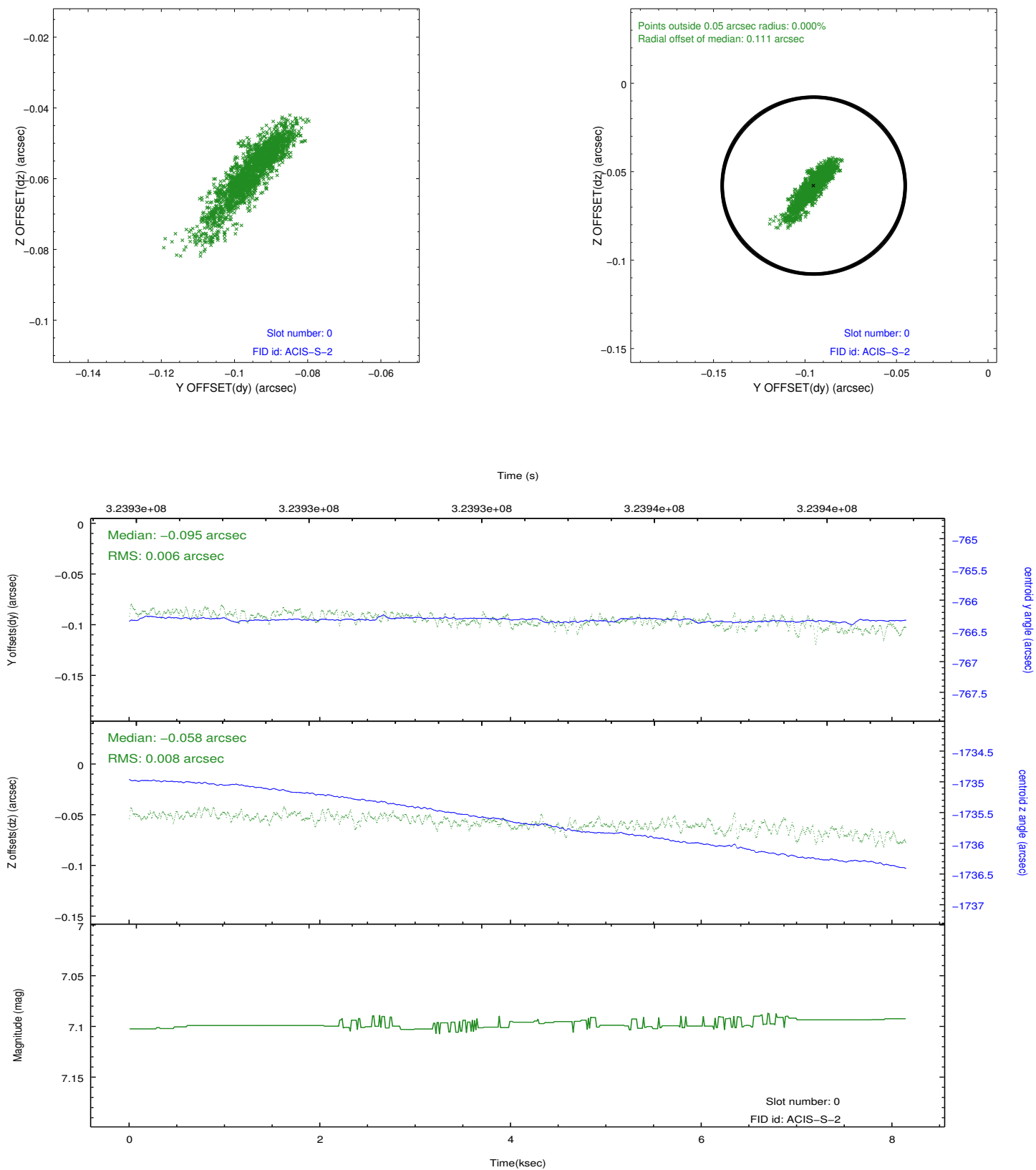


2.4.5 Slot 7

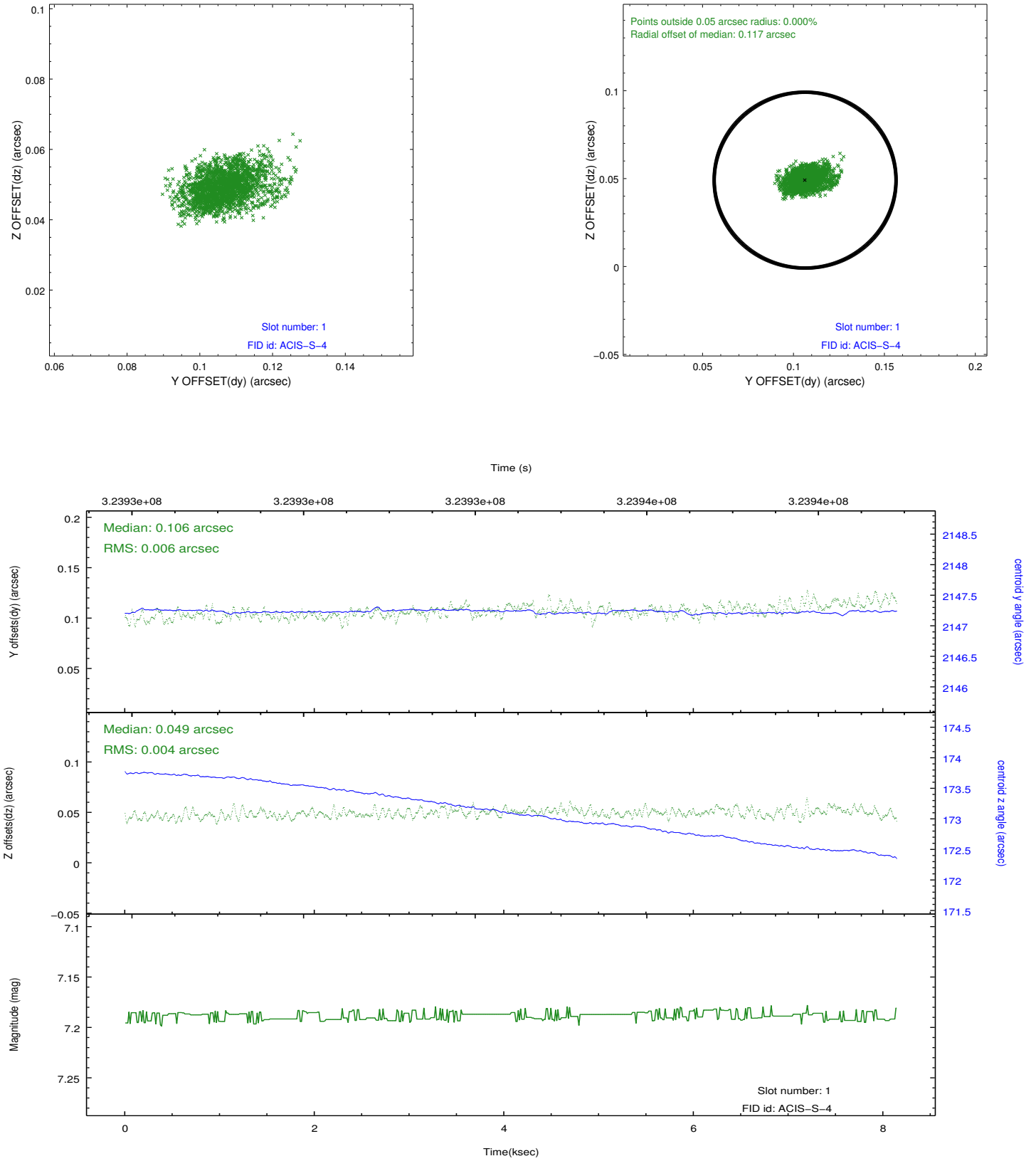


2.5 FID Slots

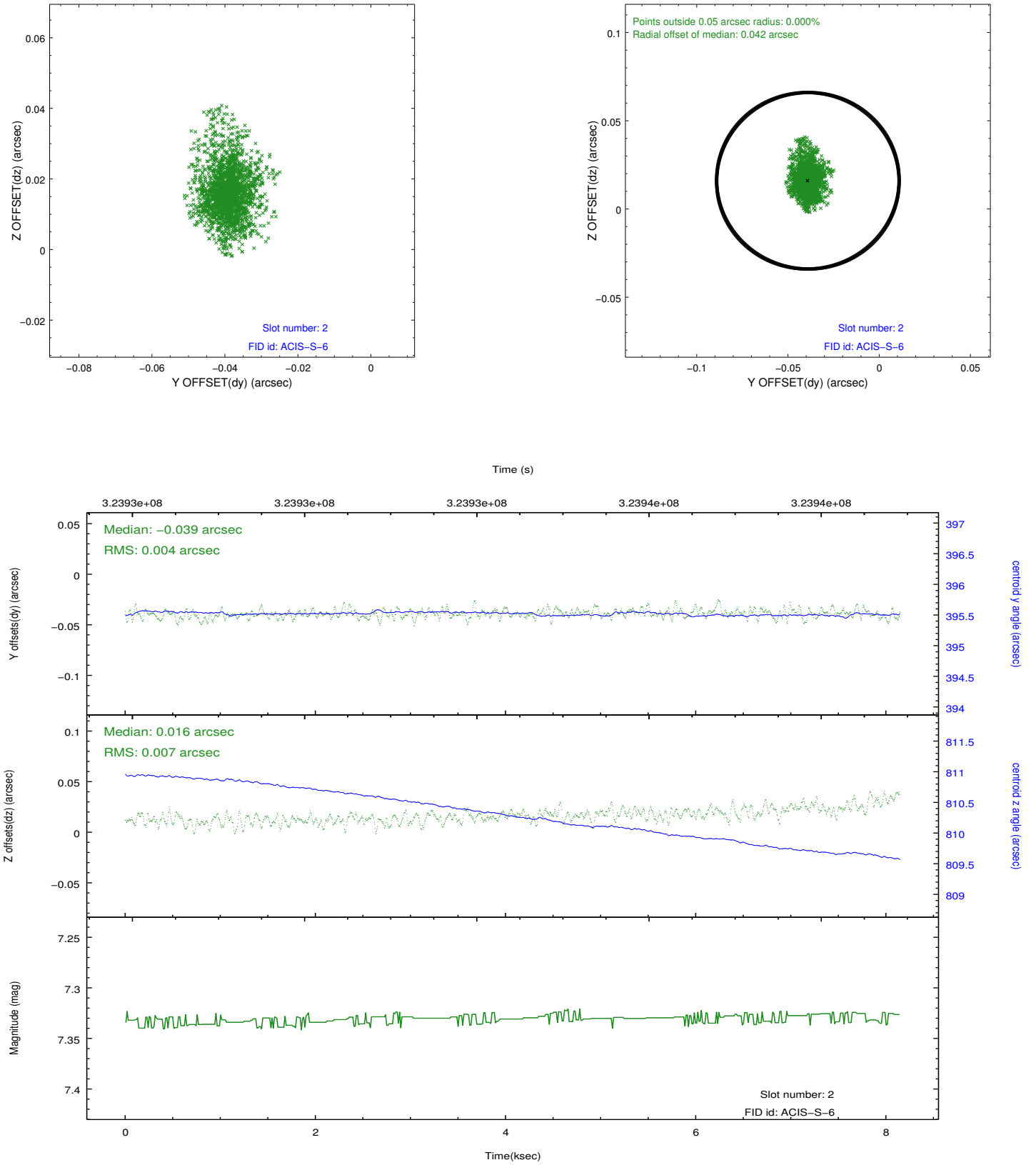
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.14060006

A.2 Comments